



DEFENSE INFORMATION SYSTEMS AGENCY

P. O. BOX 549
FORT MEADE, MARYLAND 20755-0549

IN REPLY
REFER TO: Joint Interoperability Test Command (JITE)

3 Aug 12

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Special Interoperability Test Certification of the Compunetix, Inc. CONTEX[®] Summit/Summit Extend (XT) with Conference Release 2.18.0

References: (a) DoD Directive 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01E, "Interoperability and Supportability of Information Technology and National Security Systems," 15 December 2008
(c) through (e), see Enclosure 1

1. References (a) and (b) establish the Defense Information Systems Agency (DISA), Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification. Additional references are provided in enclosure 1.

2. The Compunetix Inc. CONTEX[®] Summit/Summit Extend (XT) with Conference Release 2.18.0 is hereinafter referred to as the System Under Test (SUT). The SUT meets the critical interoperability requirements for a Conferencing Bridge set forth in Reference (c) using test procedures derived from Reference (d). The SUT is an audio conferencing bridging system that supports 80 Digital Transmission Link Level 1 (T1s) (1920 ports) with the additional Summit Extend (X2) conference bridge extending capabilities up to 3840 ports for conferees. The SUT supports preset and Meet-Me conference types. The SUT has the capability to receive both standard (0, 1, 2, 3, and 4) and ABCD Dual Tone Multi-Frequency (DTMF) precedence digit formats and transmit the ABCD DTMF precedence digit format. This certification expires upon changes that affect interoperability, but no later than three years from the date the DISA Certifying Authority (CA) provided a positive recommendation. No other configurations, features, or functions, except those cited within this report, are certified by the JITC.

3. The extension of this certification is based on Desktop Review (DTR2). The original certification is based on interoperability testing conducted by JITC, review of the vendor's Letters of Compliance (LoC), and DISA CA recommendation. Interoperability Certification testing was conducted from 14 March 2011 through 18 March 2011. Review of the vendors LoC was completed on 18 March 2011. The DISA CA provided a positive recommendation on 17 June 2011 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (e). This DTR requested that the SUT be certified with the T1 ISDN PRI American National Standards Institute (ANSI) T1.619a interface to Local Session Controllers (LSCs) listed on the Unified Capabilities (UC) Approved Product List (APL) certified with this interface. JITC determined Verification and Validation (V&V) testing was

required prior to DTR approval. IO V&V testing was conducted from 5 through 7 March 2012. Based on V&V IO testing, JITC determined that the SUT is certified with the following LSCs and their associated software releases on the UC APL listed in Table 1. The DISA CA provided a positive recommendation for this DTR on 8 June 2012 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (e). Therefore, JITC approves this DTR.

Table 1. Local Session Controllers Listed On the UC APL

Vendor	Product
Avaya Aura™	S8800 Communications Manager and Hewlet Packard DL-360 G7
Avaya Aura™	AS5300
Redcom	High Density Exchange
Redcom	Slice
Cisco	Cisco Unified Communications Manager
Nokia Siemens Networks	HiQ8000

LEGEND:
 APL Approved Products List
 UC Unified Capabilities

4. The Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are indicated in Table 2.

Table 2. SUT FRs and Interoperability Status

Interface	Critical	Certified	FRs	Met	UCR Paragraph
T1 ISDN PRI NI 1/2 (ANSI T1.619a) DTMF Signaling	Yes ¹	Yes	Preset Conferencing (R)	Yes	5.2.1.6.1
			Conference Notification Recorded Announcement (R)	Yes	5.2.1.6.1.1
			Conference Precedence Level (R)	Yes	5.2.2.8.7.1
			Automatic Retrial and Alternate Address (R)	Yes	5.2.1.6.1.2
			Bridge Release (R)	Yes	5.2.1.6.1.3
			Lost Connection to Conferee or Originator (R)	Yes	5.2.1.6.1.4
			Secondary Conferencing (R)	Yes	5.2.1.6.1.5
			Meet-Me Conferencing (C)	Yes	5.2.1.6.2
			Address Translation (R)	Yes	5.2.1.7
			DTMF signaling (C)	Yes	5.2.4.4.2
IP Interface	Yes	Yes	Differentiated Services Code Point (R)	Yes	5.3.3.3.2
	Yes ²		Security (R)	Yes	4.3.1.2

NOTES:

- In accordance with the UCR, the SUT can meet the external bridge requirements via one of the following interfaces: IP, ISDN PRI, T1 CAS, or E1 CAS. The SUT meets the critical interoperability Functional Requirements via a T1 ISDN PRI interface with DTMF signaling. Since T1 ISDN PRI is the only interface supported by this conference bridge, it is a critical interface.
- Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (e).

LEGEND:

ANSI	American National Standards Institute	ISDN	Integrated Services Digital Network
B8ZS	Bipolar Eight Zero Substitution	Mbps	Megabits per second
C	Conditional	PRI	Primary Rate Interface
CAS	Channel Associated Signaling	R	Required
DISA	Defense Information Systems Agency	SUT	System Under Test
DTMF	Dual Tone Multi-Frequency	T1	Digital Transmission Link Level 1 (1.544 Mbps)
FR	Functional Requirement	UCR	Unified Capabilities Requirements
IP	Internet Protocol		

5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at <https://stp.fhu.disa.mil>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <http://jit.fhu.disa.mil> (NIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <http://jitc.fhu.disa.mil/tssi>. Due to the sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: disa.meade.ns.list.unified-capabilities-certification-office@mail.mil.

6. The JITC point of contact is Ms. Anita Mananquil, DSN 879-5164, commercial (520) 538-5164, FAX DSN 879-4347, or e-mail to anita.l.mananquil.civ@mail.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The original tracking number for the SUT is 1034001.

FOR THE COMMANDER:

Enclosure a/s


for RICHARD A. MEADOR
Chief
Battlespace Communications Portfolio

Distribution (electronic mail):

Joint Staff J-6

Joint Interoperability Test Command, Liaison, TE3/JT1

Office of Chief of Naval Operations, CNO N6F2

Headquarters U.S. Air Force, Office of Warfighting Integration & CIO, AF/XCIN (A6N)

Department of the Army, Office of the Secretary of the Army, DA-OSA CIO/G-6 ASA (ALT), SAIS-IOQ

U.S. Marine Corps MARCORSSYSCOM, SIAT, MJI Division I

DOT&E, Net-Centric Systems and Naval Warfare

U.S. Coast Guard, CG-64

Defense Intelligence Agency

National Security Agency, DT

Defense Information Systems Agency, TEMC

Office of Assistant Secretary of Defense (NII)/DOD CIO

U.S. Joint Forces Command, Net-Centric Integration, Communication, and Capabilities
Division, J68

Defense Information Systems Agency, GS23

ADDITIONAL REFERENCES

- (c) Office of the Assistant Secretary of Defense, "Department of Defense Unified Capabilities Requirements 2008," 22 January 2009
- (d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 2," 2 October 2006
- (e) Joint Interoperability Test Command, "Information Assurance (IA) Assessment of Compunetix JITC CONTEX Summit/Summit Extend (XT) Conference Release 2.18.0 (Tracking Number 1034001)," 11 May 2011